

IN THE CLAIMS:

1. (Original) A multimedia cooperative work system, comprising:

generating a model of a multimedia electronic tag in which display of a comment and attribute data thereof/comment input in tree-shape structure is possible for each scene of multimedia data, the registration of which is requested by an arbitrary client in a server and which are obtained by dividing multimedia data in terms of time; and

exchanging comments on each scene among a plurality of clients, including the requesting client, using the multimedia electronic tag, thereby realizing multimedia cooperative work.

2. (Original) The multimedia cooperative work system according to claim 1, wherein

each said client further comprises an electronic tag editing unit displaying a comment display/input screen, using a multimedia electronic tag obtained from the server or another client.

3. (Original) The multimedia cooperative work system according to claim 1, wherein

each said client further comprises a format conversion unit converting a format of the multimedia electronic tag into a format in which the multimedia data and a comment aggregate of each scene of the multimedia data can be synchronized/reproduced.

4. (Original) The multimedia cooperative work system according to claim 1, wherein

the attribute data include at least one of a comment writer name, a comment generation date and a comment adding destination.

5. (Original) The multimedia cooperative work system according to claim 2, wherein

a publication destination of the comment can be selected and designated in the comment display/input screen,

the multimedia electronic tag is updated by adding description on the publication destination,

and

the multimedia electronic tag after the update is stored in the server,

the server further comprises an electronic tag communication unit transmitting a multimedia electronic tag without comment, the publication destinations of which are designated, to the requesting client if the client requesting the transmission of the multimedia electronic tag is not included in the publication destinations.

6. (Original) The multimedia cooperative work system according to claim 1, wherein

the multimedia electronic tag is described in XML.

7. (Original) A multimedia cooperative work system exchanging a comment on arbitrary multimedia data among a plurality of clients through a server, wherein

the server, comprising:

a multimedia communication unit assigning an identifier to multimedia data requested by an arbitrary client and returning the identifier to the requesting client;

a multimedia storage unit storing the multimedia data;

a management unit obtaining electronic mail, by which the registration requesting client notifies other clients of the identifier of the multimedia data, obtaining member data from a

destination address of the electronic mail and storing/managing the member data in relation to the identifier of the multimedia data;

an electronic tag model generation unit generating a model of a multimedia electronic tag in which a comment can be inputted to each scene obtained by dividing the multimedia data in terms of time, in tree-shape structure, based on the multimedia data and data stored/managed by the management unit, assigning an identifier to the multimedia electronic tag and enabling the management unit to store/manage the identifier in relation to the multimedia data identifier; and

an electronic tag storage unit storing the electronic tag model and also storing the multimedia electronic tag if an arbitrary comment is added based on the electronic tag model, and

a client of each member, including the registration requester, comprising:

an electronic tag communication unit obtaining a multimedia electronic tag from the server using the multimedia data identifier;

an electronic tag editing unit generating and displaying a comment editing screen by which a comment on an arbitrary scene of multimedia data or a comment on a comment can be inputted using the multimedia electronic tag;

a format conversion unit converting a format of the multimedia electronic tag into a multimedia synchronous reproduction format; and

a synchronous reproduction unit synchronizing
/reproducing the multimedia data and comment using the conversion result of the format conversion unit.

8. (Original) A server, comprising:

a communication unit transmitting/receiving data to/from each client through a network;

and

a multimedia electronic tag model generation unit generating a model of a multimedia electronic tag in which display of a comment and attribute data thereof/comment input in tree-shape structure is possible for each scene obtained by dividing multimedia data that is requested by an arbitrary client in a server, in terms of time.

9. (Original) The server according to claim 8, further comprising

a member management unit obtaining member data, which are data on a user engaging in the multimedia data cooperative work, from electronic mail by which the registration requesting client notifies other clients of the identifier of the multimedia data, and managing the member data in relation to the multimedia data and multimedia electronic tag, wherein

said multimedia electronic tag model generation unit generates the multimedia electronic tag model using the data managed by the management unit.

10. (Currently Amended) The server according to claim 8 ~~or~~ 9, wherein,

a publication destination and expiration date of a comment are described as attribution data of the comment in the multimedia electronic tag,

and further comprising a multimedia electronic tag modification /communication unit deleting an overdue comment from a multimedia electronic tag, or when receiving a multimedia electronic tag request from a client of an arbitrary member, transmitting the multimedia

electronic tag without comment, the publication destination of which are not designated the requesting client, to the requesting client.

11. (Original) A client, comprising:

a communication unit transmitting/receiving data to/from a sever or each client through a network; and

a multimedia electronic tag editing unit displaying a comment with attribute data attached to each scene of multimedia data corresponding to the multimedia electronic tag, using a multimedia electronic tag obtained from a server or another client, and simultaneously enabling a comment to be inputted to an arbitrary scene or a comment and updating the content of the multimedia electronic tag, based on the input.

12. (Original) The client according to claim 11, further comprising:

a format conversion unit converting a format of the multimedia electronic tag into a format for synchronizing/reproducing the multimedia data and comment thereof; and

a multimedia synchronous reproduction unit synchronizing and displaying multimedia data and comments corresponding to each scene of the multimedia data.

13. (Original) A multimedia cooperative work method, comprising

generating a model of a multimedia electronic tag in which display of a comment and attribute data thereof/comment input in tree-shape structure is possible for each scene of multimedia data, the registration of which is requested by an arbitrary client in a server, obtained by dividing multimedia data in terms of time; and

exchanging comments on each scene among a plurality of clients, including the requesting client, using the multimedia electronic tag, thereby realizing multimedia cooperative work.

14. (Original) A computer-readable storage medium that records a program enabling a computer to execute a process, the process comprising:

displaying a comment with a variety of attributes of a writer user attached to each scene of multimedia data corresponding to the multimedia electronic tag, using a multimedia electronic tag obtained from a server or another client, and simultaneously enabling a comment to be inputted to an arbitrary scene or a comment and updating a content of the multimedia electronic tag, based on the input.

15. (Original) A computer-readable storage medium that records a program enabling a computer to execute a process, the process comprising:

converting the format of a multimedia electronic tag obtained from a server or another client or a multimedia electronic tag after update into a format for synchronizing/reproducing multimedia data corresponding to the multimedia electronic tag and a comment on each scene of the multimedia data described in the multimedia electronic tag.

16. (Original) A program as a multimedia electronic tag in which display of a comment and attribute data thereof/comment input in tree-shape structure is possible for each scene obtained by dividing multimedia data that is requested by an arbitrary client in a server, in terms of time, when the program is executed.

17. (Original) A program enabling a computer to display a comment with a variety of attributes of a writer user attached to each scene of multimedia data corresponding to the multimedia electronic tag, using a multimedia electronic tag obtained from a server or another client, and simultaneously enabling a comment on an arbitrary scene or comment to be inputted and updating the content of the multimedia electronic tag, based on the input.

18. (Original) A program enabling a computer to convert a format of a multimedia electronic tag obtained from a server or another client or a multimedia electronic tag after update into a format for synchronizing/reproducing multimedia data corresponding to the multimedia electronic tag and a comment on each scene of the multimedia data described in the multimedia electronic tag.